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PAGE 005/007

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PART B - FEE(S) TRANSMITTAL

Complete and send this form, together with applicable fee(s), to: **Mail** Mail Stop ISSUE FEE
Commissioner for Patents
P.O. Box 1450
Alexandria, Virginia 22313-1450
or **Fax** (571)-273-2885

INSTRUCTIONS: This form should be used for transmitting the ISSUE FEE and PUBLICATION FEE (if required). Blocks 1 through 5 should be completed where appropriate. All further correspondence including the Patent, advance orders and notification of maintenance fees will be mailed to the current correspondence address as indicated unless corrected below or directed otherwise in Block 1, by (a) specifying a new correspondence address; and/or (b) indicating a separate "FEE ADDRESS" for maintenance fee notifications.

CURRENT CORRESPONDENCE ADDRESS (Note: Use Block 1 for any change of address)

Note: A certificate of mailing can only be used for domestic mailings of the Fee(s) Transmittal. This certificate cannot be used for any other accompanying papers. Each additional paper, such as an assignment or formal drawing, must have its own certificate of mailing or transmission.

Certificate of Mailing or Transmission

I hereby certify that this Fee(s) Transmittal is being deposited with the United States Postal Service with sufficient postage for first class mail in an envelope addressed to the Mail Stop ISSUE FEE address above, or being facsimile transmitted to the USPTO (571) 273-2885, on the date indicated below.

Anne Ziegler	(Depositor's name)
<i>Anne Ziegler</i>	(Signature)
July 13, 2007	(Date)

7590

07/03/2007

GARDERE WYNNE SEWELL LLP
3000 THANKSGIVING TOWER
1601 ELM STREET

07/13/2007 ALEXANDRIA, VA 22313-1450
00000106 09846727

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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/846,727	05/01/2001	Craig R. Malloy	119929-1031	8105

TITLE OF INVENTION: MEASUREMENT OF GLUCONEOGENESIS AND INTERMEDIARY METABOLISM USING STABLE ISOTOPES

APPLN. TYPE	SMALL ENTITY	ISSUE FEE DUE	PUBLICATION FEE DUE	PREV. PAID ISSUE FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	YES	\$700	\$0	\$700	\$700	10/03/2007

EXAMINER	ART UNIT	CLASS-SUBCLASS
WARDEN, JILL ALICE	1743	436-095000

1. Change of correspondence address or indication of "Fee Address" (37 CFR 1.363).

☐ Change of correspondence address (or Change of Correspondence Address form PTO/SB/122) attached.☐ "Fee Address" indication (or "Fee Address" Indication form PTO/SB/47; Rev 03-02 or more recent) attached. Use of a Customer Number is required.

2. For printing on the patent front page, list

(1) the names of up to 3 registered patent attorneys or agents OR, alternatively,

(2) the name of a single firm (having as a member a registered attorney or agent) and the names of up to 2 registered patent attorneys or agents. If no name is listed, no name will be printed.

Gardere Wynne Sewell LLP

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3. ASSIGNEE NAME AND RESIDENCE DATA TO BE PRINTED ON THE PATENT (print or type)

PLEASE NOTE: Unless an assignee is identified below, no assignee data will appear on the patent. If an assignee is identified below, the document has been filed for recordation as set forth in 37 CFR 3.11. Completion of this form is NOT a substitute for filing an assignment.

(A) NAME OF ASSIGNEE

(B) RESIDENCE: (CITY and STATE OR COUNTRY) date: 07/13/2007 HDEMSS2

09/12/2006 BABDEL3 00000033 09846727

01 FC:2501

-700.00 0P

Board of Regents, The University
of Texas System

Austin, Texas

Please check the appropriate assignee category or categories (will not be printed on the patent): ☐ Individual ☒ Corporation or other private group entity ☐ Government

4a. The following fee(s) are submitted:

☐ Issue Fee☐ Publication Fee (No small entity discount permitted)☐ Advance Order - # of Copies

4b. Payment of Fee(s): (Please first reapply any previously paid issue fee shown above)

☐ A check is enclosed.☐ Payment by credit card. Form PTO-2038 is attached.☒ The Director is hereby authorized to charge the required fee(s), any deficiency, or credit any overpayment, to Deposit Account Number (enclose an extra copy of this form).

5. Change in Entity Status (from status indicated above)

☐ a. Applicant claims SMALL ENTITY status. See 37 CFR 1.27.☐ b. Applicant is no longer claiming SMALL ENTITY status. See 37 CFR 1.27(g)(2).

NOTE: The Issue Fee and Publication Fee (if required) will not be accepted from anyone other than the applicant; a registered attorney or agent; or the assignee or other party in interest as shown by the records of the United States Patent and Trademark Office.

Authorized Signature

Monique A. Vander Molen

Date July 13, 2007

Typed or printed name Monique A. Vander Molen

Registration No. 53,716

This collection of information is required by 37 CFR 1.311. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, Virginia 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450.

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**GARDERE***attorneys and counselors • www.gardere.com***Fax**

DATE: Friday, July 13, 2007

TO	COMPANY	PHONE NO.	FAX NO.
Mail Stop Issue Fee	USPTO		15712732885

FROM	Anne Ziegler
DIRECT LINE	214.999.4349
DIRECT FAX	214.999.3349
CLIENT/MATTER NO.	124263.001031
TOTAL PAGES (including cover)	07

Is this for Court filing?
Please indicate local time deadline:
Confirmation Requested:

COMMENTS:

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GARDERE WYNNE SEWELL LLP

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Austin • Dallas • Houston • Mexico City • Washington, DC



Attorney Docket No. 119929-1031

UNITED STATES PATENT AND TRADEMARK OFFICE

Application No. : 09/846,727
First Named Inventor : Craig R. Malloy
Filing Date : May 1, 2001
Title : Measurement of Gluconeogenesis and Intermediary Metabolism
Using Stable Isotopes
Art Unit : 1743
Examiner : Jill Alice Warden
Customer No. : 32914

VIA FACSIMILE
Mail Stop: ISSUE FEE
Commissioner for Patents
P. O. Box 1450
Alexandria, Virginia 22313-1450

CERTIFICATE OF FACSIMILE TRANSMISSION

(37 CFR 1.6d)

I hereby certify that this paper (along with any paper referred to as being attached or enclosed) is being deposited BY FACSIMILE transmission on the date shown below to Mail Stop: ISS, Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450 on July 13, 2007, at (571) 273-2885.

Anne Ziegler
Signature (Name of person signing: Anne Ziegler)

COMMUNICATION REGARDING SUBMISSION OF NEW NOTICE OF
ALLOWANCE AND FEE(S) DUE MAILED JULY 3, 2007

Dear Sir:

With this Communication, Applicants submit a Part B – FEE(S) TRANSMITTAL for a second Notice of Allowance and Fee(s) Due mailed July 3, 2007. Applicants herewith submit a second Part B – FEE(S) TRANSMITTAL, completed as required without submission of any fee(s). No fees are due with this submission because the Issue Fee and Publication Fee for the above-identified application for patent were previously paid on September 5, 2006, the mailing date for submission of the required and completed documents in response to a first Notice of Allowance and Fee(s) Due mailed July 26, 2006. A copy of the check and completed Part B – FEE(S) TRANSMITTAL that was mailed September 5, 2006, are also provided with this letter for reference.

Accordingly, for the above-identified application for patent, please reapply the previously paid Issue Fee and Advance Order fee in accordance with the instructions as stated in Section II, page 1 of the Notice of Allowance and Fee(s) Due document.



Attorney Docket No. 119929-1031

Please direct any questions to the undersigned.

Respectfully submitted,

GARDERE WYNNE SEWELL LLP

Date: July 13, 2007

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